

EMULATOR DEVICE

5 ABSTRACT OF THE DISCLOSURE

Non-sipper microfluidic devices, e.g., planar devices that do not comprise an external capillary, are used to emulate or simulate the fluid flow profile of a device having an external capillary, e.g., a microfluidic sipper device. Samples are typically flowed through a sipper device, e.g., in sample plugs. To emulate fluid flow in a sipper device, emulator devices
10 create sample plugs and flow them through the channels of a planar device.